FORM MR-LMO
(Revised September 2000)

NOT COMPLETE

FOR DIVISION USE ONLY
File #: M/023/071
Date Received: 03/27/2003
DOGM Lead: JM
Rec'd 350.00 permit fee 4/9/03
Ck # 150 - Gary Burningham
NOTE: Already paid 150.00 for Smo.

RECEIVED
MAR 2 7 2003
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
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Salt Lake City, Utah 84114-5801
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NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

The informational requirements in this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, General Rules and Rules of Practice and Procedures.

This form applies only to mining operations which disturb or will disturb more than five acres at any given time.

"MINING OPERATIONS" means those activities conducted on the surface of the land for the exploration for, development of, or extraction of a mineral deposit, including, but not limited to, surface mining and the surface effects of underground and in situ mining, on-site transportation, concentrating, milling, evaporation, and other primary processing.

"Mining operation" does not include: the extraction of sand, gravel, and rock aggregate; the extraction of oil and gas as defined in Chapter 6, Title 40; the extraction of geothermal steam; smelting or refining operations; off-site operations and transportation; or reconnaissance activities which will not cause significant surface resource disturbance or involve the use of mechanized earth-moving equipment such as bulldozers or backhoes.

PLEASE NOTE: *This form is to be used as a guideline in assembling the information necessary to satisfy the Large Mining Operations Notice of Intention requirements.* ***You will need extra space to provide a majority of the information requested****. Please provide the information on additional sheets and include cross-referenced page numbers as necessary. The operator may submit this information on an alternate form; however, the same or similar format must be used.*

I. Rule R647-4-104 - Operator(s), Surface and Mineral Owners

The operator must provide the name, address and telephone number of the individual or company who will be responsible for the proposed operation. If a company is to be listed as the operator, then the name of the corporate officers need to be provided.

1. **Mine Name:** Hi Cal #1

2. **Name of Applicant or Company:** Robert Steele
   Corporation ( ) Partnership (X) Individual ( )

3. **Permanent Address:** 1055 N 4 E Nephi Utah 84648

   Phone: 435-623-1877 Fax: _____

4. **Company Representative** (or designated operator):

   Name: Same As Applicant
   Title: _____
   Address: _____
   Phone: _____ Fax: _____

5. **Location of Operation:**
   County(ies) Juab
   NE 1/4 of _____ 1/4, Section: 24 Township: 13-S Range: 2 W.
   _____ 1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____
   _____ 1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____

The names of the surface and mineral owners for any areas which are to be impacted by mining must be provided to the Division. This list should include all private, state and federal ownership and the owners of lands immediately adjacent to the project areas.

6. **Ownership of the land surface** (circle all that apply):
Private (Fee), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

   Name: _____ Address: _____
   Name: _____ Address: _____
   Name: _____ Address: _____
   Name: _____ Address: _____

7. **Owner(s) of record of the minerals to be mined** (circle all that apply):
Private (Fee), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

   Name: Robert Steele Address: 1055 N 4 E Nephi, Utah 84648
   Name: Terry Steele Address: _____
   Name: _____ Address: _____
   Name: _____ Address: _____

 This is an ongoing operation under UTU-078294 S-023-071 and the Land owners have been informed.

8. **Adjacent land owners:**

Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

9. **Have the land, mineral and adjacent land owners been notified in writing?**
Yes ✓ No _____

If no, why not? _____
_____

10. **Does the operator have legal right to enter and conduct mining operations on the land covered by this notice?** Yes ✓ No _____.

II. Rule R647-4-105 - Maps, Drawings & Photographs

105.1 - Base Map

A complete and correct topographic base map (or maps) with appropriate contour intervals must be submitted with this notice showing all of the items on the following checklist. The scale should be approximately 1 inch = 2,000 feet (preferably a USGS 7.5 minute series or equivalent topographic map where available). The map(s) must show the location of lands to be affected in sufficient detail to allow measurement of the proposed area of surface disturbance.

Base Map Checklist

Please check off each section to verify these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Check			Map ID
✓	(a)	Property boundaries of surface ownership of all lands which are to be affected by the mining operations;	Attachment #4
✓	(b)	Perennial, intermittent, or ephemeral streams, springs and other bodies of water; roads, buildings, landing strips, electrical transmission lines, water wells, oil and gas pipelines, existing wells or boreholes, or other existing surface or subsurface facilities within 500 feet of the proposed mining operations;	None
✓	(c)	Proposed route of access to the mining operations from nearest publicly maintained highway (Map scale appropriate to show access);	USGS Attachment # 6

None (d) Known areas which have been previously impacted by mining or exploration activities within the proposed land affected; ____

All (e) Areas proposed to be disturbed or reclaimed over the life of the project or other suitable time period. Attachment #4

105.2 - Surface Facilities Map

Surface Facilities Map Checklist

Surface facilities maps should be provided at a scale of not less than 1" = 500'.

Please check off each section to verify these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Check			Map ID
✓	(a)	Proposed surface facilities, including but not limited to: buildings, stationary mining/processing equipment, roads, utilities, power lines, proposed drainage control structures, and the location of topsoil storage areas, overburden/waste dumps, tailings or processed waste facilities, disposal areas for overburden, solid and liquid wastes, and wastewater discharge treatment and containment facilities;	Attachment #4
✓	(b)	A border clearly outlining the extent of the surface area proposed to be affected by mining operations, and the number of acres proposed to be affected;	Attachment #4
None	(c)	The location of known test borings, pits, or core holes.	None

105.3 - Additional Maps

Reclamation Treatments Map Checklist

Please check off each section to verity these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Check			Map ID
✓	(a)	Areas of the site to receive various reclamation treatments shaded, cross hatched or color coded to identify which reclamation treatments will be applied. Areas would include: buildings, stationary mining/processing equipment, roads, utilities, proposed drainage improvements or reconstruction, and sediment control structures, topsoil storage areas, waste dumps, tailings or processed waste facilities, disposal areas for overburden, solid and liquid wastes, ponds, and wastewater discharge, treatment and containment facilities. Reclamation treatments may include	Attachment #4

ripping, regrading, replacing soil, fertilizing, mulching, broadcast seeding, drill seeding, and hydroseeding: _____

✓ (b) A border clearly outlining the extent of the area to be reclaimed after mining, the number of acres disturbed, and the number of acres proposed for reclamation: Attachment #4

✓ (c) Areas disturbed by this operation which are included in a request for a variance from the reclamation standards: None

✓ (d) Highwalls which are proposed to remain steeper than 45 degrees and slopes which are proposed to remain steeper than 3 horizontal : 1 vertical. None

Note: Areas included in sections c & d will need to be referenced in the variance request section. Please shade or color code these areas on this map.

Additional maps and cross sections may be required in accordance with Rule R647-4-105.3. Design drawings and typical cross-sections for each tailings pond, sediment pond, or other major drainage control structures must also be included.

III. Rule R647-4-106 - Operation Plan

106.1 - Mineral(s) to be mined: Calcium

106.2 - Type of Operation Conducted:

Describe the typical methods and procedures to be used in mining operations, on-site processing and concurrent reclamation. Include equipment descriptions where appropriate. See Attachment #1

106.3 - Estimated Acreage

Acreage listed here should match areas measured off the maps provided.

Areas of actual mining:	5.5
Overburden/waste dumps:	.5
Ore and product stockpiles:	1.5
Access/haul roads	.5
Associated on-site processing facilities:	
Tailings disposal:	
Other - Please describe	
Total Acreage	8

106.4 - Nature of material including waste rock/overburden and estimated tonnage

Describe the typical annual amount of the ore and waste rock/overburden to be generated, in cubic yards. Where does the waste material originate? What is the nature of the overburden/wastes (general chemistry/mineralogy and description of geologic origin)? Will it be in the form of fines or coarse material? What are the typical particle size and size fractions of the waste rock?

Thickness of overburden:	2 ft.
Thickness of mineral deposit:	30 ft.
Estimated annual volume of overburden:	1500 cu. yds.
Estimated annual volume of tailings/reject materials:	None cu. yds.
Estimated annual volume of ore mined:	25,000 cu. yds.

Overburden/waste description: Clay

106.5 - Existing soil types, location of plant growth material

Specific information on existing soils to be disturbed by mining will be required. General soils information may not be sufficient.

Provide specific descriptions of the existing soil resources found in the area. Soil types should be identified along with depth and extent, especially those to be directly impacted by mining.

Soils - The plan shall include an Order 3 Soil Survey (or similar) and map. This information is needed to determine which soils are suitable for stockpiling for revegetation. This soil data may be available from the local Natural Resources Conservation Service office, or if on public lands, from the land management agency. The map needs to be of such scale that soil types can be accurately determined on the ground (see Attachment I).

(a) Each soil type to be disturbed needs to be field analyzed for the following:

Depth of soil material	None To 24 inches
Volume (for stockpiling)	1500 cu. yds.
Texture (field determination	See Soil Test Report +
pH (field determination)	USU Analytical Labs
(cross reference with item 106.6)	Attachment #2

(b) Where there are problem soil areas (as determined from the field examination) laboratory analysis may be necessary. Soil samples to be sent to the laboratory for analysis need to be about one quart in size, properly labeled, and in plastic bags. Each of the soil horizons on some sites may need to be sampled. Soil sample locations need to be shown on the soils map. Soil analysis for these samples should include: texture, pH, Ec (conductivity), CEC (Catoin Exchange Capacity), SAR, % Organic Matter,

Total N, Available Phosphorus (as P_2O_5), Potassium (as K_20), and acid/base potential.

106.6 - Plan for protecting and redepositing existing soils

Thickness of soil material to be salvaged and stockpiled: 24 inches
Area from which soil material can be salvaged: (show on map) 8 acres
Volume of soil to be stockpiled: 1,500 cu. yds.
(cross reference with item 106.5 (a))

Describe how topsoil or subsoil material will be removed, stockpiled and protected.
See Attachments

106.7 - Existing vegetative communities to establish revegetation success

Vegetation - The operator is required to return the land to a useful condition and reestablish at least 70 percent of the premining vegetation ground cover.

Provide the Division with a description of the plant communities growing onsite and the percent vegetation cover for each plant community located on the site. Describe the methodology used to obtain these values. See, Attachments #3

The percent ground cover is determined by sampling the vegetation type(s) on the areas to be mined (see Attachment I for suggested sampling methods).

(a) Vegetation Survey - The following information needs to be completed based upon the vegetation survey:

Sampling method used _____
Number of plots or transects (10 minimum) _____

Ground Cover	Percent
Vegetation (perennial grass, forb and shrub cover)	50
Litter	
Rock/rock fragments	10
Bare ground	40
	100%
Revegetation Requirement (70 percent of above vegetation figure)	70 %

Indicate the vegetation community(ies) found at the site.

List the predominant perennial species of vegetation growing in each vegetation community type.

Sage Brush
Native Grass

(b) Photographs - The operator may submit photographs (prints) of the site to show existing vegetation conditions. These photographs should show the general appearance and condition of the area to be affected and may be utilized for comparison upon reclamation of the site. Photographs should be clearly marked as to the location, orientation and the date they were taken.
See Attachment #3

106.8 - Depth to groundwater, overburden material & geologic setting

Describe the approximate depth to groundwater in the vicinity of the operation based on the completion of any monitoring or water wells in the area. Please show the location of these wells on the base map.

Depth to groundwater 600 ft.

Provide a narrative description of the geology of the area and/or a geologic cross section.

106.9 - Location and size of ore and waste stockpiles, tailings and treatment ponds, and discharges See Attachment # 4

Describe the location and size of any proposed waste/overburden dumps, stockpiles, tailings facilities and water storage or treatment ponds.

Describe how overburden material will be removed and stockpiled.

Describe how tailings, waste rock, rejected materials, etc. will be disposed of. All WASTE Rock will be placed in Bottom of pit and Covered w Topsoil.

Describe the acreage and capacity of waste dumps, tailings ponds and water storage ponds to be constructed. All impoundments must include the necessary hydrologic calculations to determine if they are adequately sized to handle storm events.

Describe any proposed effluent discharge points (UPDES) and show their location on the surface facilities map. Give the proposed discharge rate and expected water quality. Attach chemical analyses of such discharge if available. None

IV. R647-4-107 - Operation Practices

During operations, the operator shall conform to the practices listed under this section of the Minerals Rules unless the Division grants a variance in writing.

Describe measures taken to minimize hazards to public safety during mining operations regarding: place Signs of mining operation.

the closing or guarding of shafts and tunnels to prevent unauthorized or accidental entry in accordance with MSHA regulations;

the disposal of trash, scrap metal, wood and extraneous debris;

Haul all Trash to land fill

the plugging or capping of drill, core or other exploratory holes; There are no exploration Drill holes

the posting of appropriate warning signs in locations of public access to operations;

the construction of berms, fences or barriers above highwalls or other excavations.

If any of these safety measures are unnecessary, please explain why.

Describe measures taken to avoid or minimize environmental damages to natural drainage channels which will be affected by this mining operation.

Describe measures taken to control and minimize sediment and erosion on areas affected by this mining operation. Describe measures being taken to prevent sediment from leaving the disturbed area.

Identify any potentially deleterious materials that may be stored on site (including fuel, oil, processing chemicals, etc.) and describe how they will be handled and stored.

Describe the measures taken to salvage and store soils to be used in reclamation.

Describe how stockpiled topsoil will be protected from erosion and further impact.

Please describe any reclamation to be done during active mining operations prior to final closure. Reference these areas on a map.

See Attachment # 4

V. **Rule R647-108 - Hole Plugging Requirements** No Exploration Drill holes

All drill holes which will not eventually be consumed by mining must be plugged according to the methods listed in this section. Describe the location of any aquifers encountered by drilling and the method to be used to plug such water containing holes. Describe the method to be used for plugging holes not containing water.

VI. **Rule R647-109 - Impact Statement**

109.1 - Surface and groundwater systems All water from SNOW and Rain will ~~be mined~~ Remain in mine

Describe impacts to surface or groundwater which could be caused by this mining operation. Describe how these impacts will be monitored and mitigated. The appropriate groundwater and stormwater control permits need to be obtained from the Division of Water Quality. Please reference any such permits.

109.2 - Wildlife habitat and endangered species None

Describe the impacts on wildlife habitat associated with this operation. Describe any impacts to big game species found in the area. Describe any impacts to riparian areas. Describe any impacts this operation will have on waterfowl (fly-over,

temporary resident or permanent resident). List any threatened or endangered wildlife species found in the area. Describe impacts to threatened or endangered species and their habitats. Describe measures to be taken to minimize or mitigate any impacts to wildlife or endangered species.

109.3 - Existing soil and plant resources See Attachment # 3

Describe impacts to the existing soil and plant resources in the area to be affected by mining operations. Describe impacts to riparian or wetland areas which will be affected by mining. Describe impacts to threatened or endangered plant species. Describe measures to be taken to minimize or mitigate any impacts to soil and plant resources.

109.4 - Slope stability, erosion control, air quality, public health & safety None

Describe the impacts this mining operation will have on slope stability, erosion, air quality, public health and safety. Include descriptions of highwall and slope configurations and their stability. Air quality permits from the Utah Division of Air Quality may be required for mining operations. Please reference any such permits. Describe measures to be taken to minimize or mitigate impacts to slope stability, erosion, air quality, or public health and safety.

VII. Rule R647-4-110 - RECLAMATION PLAN

110.1 - Current land use and postmining land use

Current or premining land use(s) [other than mining]: Grazing

List future post-mine land-use(s) proposed: Grazing

(Develop the reclamation plan to meet proposed post-mine land use.)

110.2 - Reclamation of roads, highwalls, slopes, leach pads, dumps, etc. See Attachments

Describe how the following features will be reclaimed: roads, highwalls, slopes, impoundments, drainages and natural drainage patterns, pits, ponds, dumps, shafts, adits,8 drill holes and leach pads. Describe the configuration of these features after final reclamation. Describe the rinsing and neutralization of leach pads associated with final decommissioning.

Describe how roads will be reclaimed. Road reclamation may include: regrading cut and fill sections, ripping the road surface with a dozer, topsoil replacement, construction of water bars, construction of traffic control berms or ditches, and reseeding.

Describe how highwalls will be reclaimed. Highwall reclamation may include: drilling and blasting, backfilling, regrading, topsoil replacement, and reseeding.

Describe how slopes will be reclaimed. Slope reclamation may include: regrading to a 3 horizontal : 1 vertical (3h:1v) configuration, topsoil replacement, contour ripping, pitting, and reseeding.

Describe how impoundments, pits and ponds will be reclaimed. Include the final elevations and final disposition of the drainage in and around the impoundment. If the impoundment, pit, or pond is intended to be left as part of the post-mining land use, then an agreement with the land managing agency/owner is required. Structures to remain must be left in a stable condition.

Include the final size of the impoundment, pit, pond in acre-feet of storage and the capacity of the spillway to safely pass storm events.

Impoundments, pits, and ponds, which are not approved as part of the post mining land use shall be reclaimed, free draining, and the natural drainage patterns restored.

Describe how drainages will be reclaimed. Drainage reclamation would include: the reestablishment of a natural drainage pattern which fits in with the upstream and downstream cross-section of existing drainage in the vicinity of the disturbance; the reestablishment of a stable channel in the reclaimed reach of channel, using the necessary armoring to prevent excessive erosion and downstream sedimentation.

Include cross-sections and profiles of reestablished channels to demonstrate compatibility with existing drainage characteristics.

Describe how waste dumps will be reclaimed. Waste dump reclamation may include regrading to a 3h:1v configuration, topsoil replacement, mulch or biosolids applications, contour ripping or pitting, and reseeding. Characterization of the physical and chemical nature of the waste dump materials should be provided.

Describe how shafts and adits will be reclaimed. Reclamation of shafts may include: backfilling, installation of a metal grate, installation of a reinforced concrete cap, topsoil replacement and reseeding. Reclamation of adits may include: backfilling, installation of a block wall, installation of a metal grate, topsoil replacement and reseeding.

Describe how drill holes will be reclaimed. Drill hole reclamation must be consistent with the rules for plugging drill holes (R647-4-108). Reclamation of plugged drill holes may include topsoil replacement and reseeding.

Describe how tailings areas will be reclaimed. Tailings reclamation may include: dewatering, neutralization, placement of cap materials, placement of subsoil materials, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the tailings material should be provided.

Describe how leach pads will be reclaimed. Reclamation of leached materials may include: neutralization or leached materials, rinsing of leached materials, dewatering leached materials, regrading slopes of leached materials to 3h:1v, extending pad liners, placement of capping materials, placement of subsoil materials, mulch or

biosolids application, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the leached materials should be provided. Post closure monitoring and collection of drain down fluids should also be addressed.

NOTE: The Minerals Rules require overall highwall angles of no more than 45° at final reclamation unless a variance is granted. All dump or fill slopes should be left at an angle of 3h:1v or less. Any slopes steeper than 3h:1v must be reclaimed using state-of-the-art surface stabilization technology. Pit benches exceeding 35 feet in width should be topsoiled, or covered with fines, and revegetated.

Describe the final disposition of any stockpiled materials on site at the time of final reclamation.

110.3 - Surface facilities to be left None

Describe any surface facilities which are proposed to remain on-site after reclamation (buildings, utilities, roads, drainage structures, impoundments, etc.). Describe their post-mine application. *Justification for not reclaiming these facilities must be included in the variance request section.*

110.4 - Treatment, location and disposition of deleterious materials None

Describe the nature and extent of any deleterious or acid forming materials located on-site. Describe how these materials will be neutralized, removed, or disposed of on site. Describe how buildings, foundations, trash and other waste materials will be disposed of.

110.5 - Revegetation planting program and topsoil redistribution See Attachments

Describe the revegetation tasks to be performed in detail. For example, will ripping, mulching, fertilizing, seeding and scarifying of these areas be performed and if so, how will this be accomplished? Correlate this information with the Reclamation Treatments Map.

a) Soil Material Replacement See Attachments

In order to reestablish the required ground cover, one to two feet (depending on underlying material) of suitable soil material usually has to be redistributed on the areas to be reseeded. If the stockpiled soil isn't sufficient for this, soil borrow areas will need to be located.

Describe the volume of soils and approximate depth of soil cover to be used in reclamation. Describe the source of these soils and provide an agronomic analysis of the soils. If soils will not be used describe the alternative material or amendments to be applied in lieu of soils. Describe the methods used to transport and place soils.

b) Seed Bed Preparation

Describe how the seedbed will be prepared and equipment to be used.
The Division recommends ripping or discing to a minimum of 12 inches and leaving the seed bed surface in as roughened condition as possible to enhance water harvesting, erosion control and revegetation success. Compacted surfaces such as roads and pads should be deep ripped a minimum of 18 inches.

c) Seed Mixture - List the species to be seeded:

Provide a seed mix listing adaptable plant species and the rate of seeding that will be used at the site for reclamation. More than one seed mix may be needed, depending upon the areas to be reclaimed. Keep the proposed post-mining land use in mind when developing seed mixes.

Example See Small mine plan + Attachment #1

Species Name	Common Name	Seeding Rate (lbs Pure Live Seed/Acre)

Total lbs/acre _____

(The Division recommends seeding 12-15 lbs./acre of native and introduced adaptable species of grass, forb, and browse seed for drill seeding and 15-20 lbs./acre for broadcast or hydro seeding. The Division can provide assistance in developing reclamation seed mixes if requested).

d) Seeding Method

Describe method of planting the seed.
The Division recommends planting the seed with a rangeland or farm drill. If broadcast seeding, harrow or rake the seed 1/4 to ½ inch into the soil. Fall is the preferred time to seed.

e) Fertilization

Describe fertilization method, type(s) and application rate (if needed).

f) Other Revegetation Procedures

Please describe other reclamation procedures, such as mulching, biosolids application, irrigation, hydroseeding, etc., that may be planned.

VIII. Rule R647-4-112 VARIANCE

The operator may request a variance from Rules R647-4-107 (Operation Practices), R647-4-108 (Hole Plugging), and R647-4-111 (Reclamation Practices) by submitting the following information:

1.11 the rule(s) which a variance is requested from; (rule number and content)

1.12 a description of the specific variance requested and a description of the area affected by the variance request; show this area on the Reclamation Treatments Map(s).

1.13 justification for the variance;

1.14 alternate methods or measures to be utilized in the variance area.

Variance requests are considered on a site-specific basis. For each variance requested, attach a narrative which addresses the four items listed above.

IX. Rule R647-4-113 - SURETY

See Reclamation Estimate Third Party costs Attachment # 5

A Reclamation surety must be provided to the Division prior to final approval of this application. In calculating this amount, include the following major tasks:

1) Clean-up and removal of structures.
2) Backfilling, grading and contouring.
3) Soil material redistribution and stabilization.
4) Revegetation (preparation, seeding, mulching).
5) Safety gates, berms, barriers, signs, etc.
6) Demolition, removal or burial of facilities/structures, regrading/ripping of facilities areas.
7) Regrading, ripping of waste dump tops and slopes.
8) Regrading/ripping stockpiles, pads and other compacted areas.
9) Ripping pit floors and access roads.
10) Drainage reconstruction.
11) Mulching, fertilizing and seeding the affected areas.
12) General site clean up and removal of trash and debris.
13) Removal/disposal of hazardous materials.
14) Equipment mobilization.
15) Supervision during reclamation.

To assist the Division in determining a reasonable surety amount, please attach a reclamation cost estimate which addresses each of the above steps. The areas and treatments included in the reclamation treatments map should correspond with items included in the reclamation cost estimate. The reclamation costs used by the Division must be third party costs.

X. PERMIT FEE [Mined Land Reclamation Act 40-8-7(i)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (l)] provides the authority for the assessment of permitting fees. Commencing with the 1998 fiscal year (July 1 - June 30), annual permit fees are assessed to new and existing notices of intention and annually thereafter until the project disturbances are successfully reclaimed by the operator and released by the Division.

Large mining permits require an initial submission fee and annual fee of $350.00 for surface disturbance of 50 or less acres, or a $750.00 fee for surface disturbance greater than 50 acres (see page five Section III, Rule R647-4-106.3 for estimated disturbance calculation). The appropriate fee MUST accompany this application or it cannot be processed by the Division.

PLEASE NOTE: If you are expanding from a small mining operation to a large mining operation, the appropriate large mine permit fee, less the annual $100.00 small mine fee (if already paid) MUST accompany this application.

XI. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct.

Signature of Operator/Applicant: Robert Steele

Name (typed or print): Robert Steele

Title/Position (if applicable): Partner

Date: 3-1-2003

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides for maintenance of confidentiality concerning certain portions of this report. Please check to see that any information desired to be held confidential is so labeled and included on separate sheets or maps.

Only information relating to the location, size or nature of the deposit may be protected as confidential.

Confidential Information Enclosed: ( ) Yes ( ) No

ATTACHMENT # 1

Approximately 8 Acres of Land will Be Stripped of Top Soil and Stockpiled Along the sides of the mine Site. Traventine will Then be mined and Stockpiled. The ore will Then be Loaded and hauled to mill Site.

Drilling, Blasting and Crushing will allso be done on Site. The Above will be done with a D-8 Bulldozer, A 988 Cat Loader and Trackhos or other compairable Equipment. Approximately 40 Thousand Tons of ore will be Mined and hauled per year.

AT the completion of the mining operation Rule R647-3-107, 108 and 109 will comply with this mining Operation.

The Type of Mixture To be used in reclamation will be 8 pounds of Crested wheatgrass, 3 pounds of Thickspike Wheatgrass, 3 pounds of Indian Ricegrass, and 1 pound of Fourwing Saltbrush per Acre.

106.2 Type of Operation Conducted

After stripping of Topsoil. Drilling and Blasting of the ore will be done. Then it will be pushed in a pile where a Frontend Loader will move it to the Crusher for Crushing. Belts will then move the Finished product to stock pile. This will be done with a 36" Jaw Crusher and a 8" Cone crusher.

Transportation from the Finished product stock pile will be done with Truck - Train units from mine to The mill site. -App. 4 Trucks per day.

1. This mine site has no Riparin Areas.
2. This mine site has no Stream Chanels.
3. This Mine Site has No Endangered Species.
4. This Mine will not Create of have and Toxic Minerals.
5. This mine has only a small amount of overburden and when the mine is being reclaimed the overburden will be move to the pit and Covered over with Topsoil and Then reseeded
6. All runoff will be contained within the pit Area.
7. This mine is an ongoing operation under a Small Mine permit.

Attachment #2

Soil Test Report
and
Fertilizer Recommendations

USU Analytical Labs
Utah State University
Logan, Utah 84322-4830
(435) 797-2217
(435) 797-2117 (FAX)

Date Received: 10/15/2002
Date Completed: 10/16/2002

Name: ROBERT STEELE
Address: 1055 N 400 E

NEPHI UT 84648

Phone: 435-623-1877
County: JUAB

Lab Number: 2012005
Identification: 1
Crop to be Grown: Dryland Pasture

Grower's Comments:

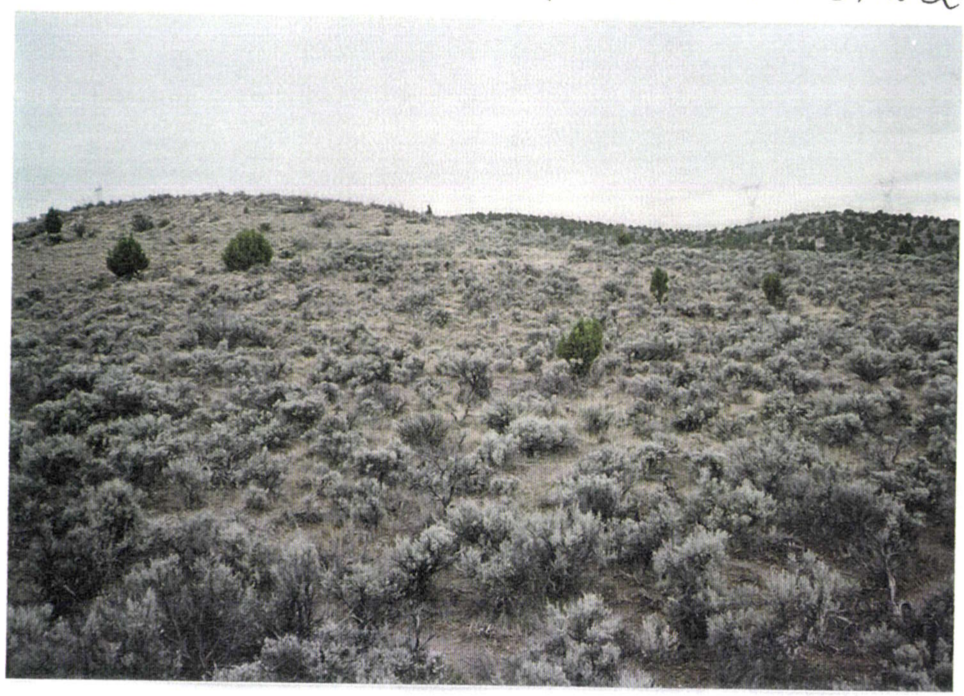
Acres in Field:

Soil Test Results			Interpretations	Recommendations
Texture		Loam		
pH		7.8	Normal	
Salinity - ECe	dS/m	0.7		
Phosphorus - P	mg/kg	7.9		35-55 lbs P2O5/A
Potassium - K	mg/kg	271		0 lbs K2O/A
Nitrate-Nitrogen - N	mg/kg			40-60 lbs N/A
Zinc - Zn	mg/k			
Iron - Fe	mg/kg			
Copper - Cu	mg/kg			
Manganese - Mn	mg/kg			
Sulfate-Sulfur - S	mg/kg			
Organic Matter	%			
SAR				

Notes

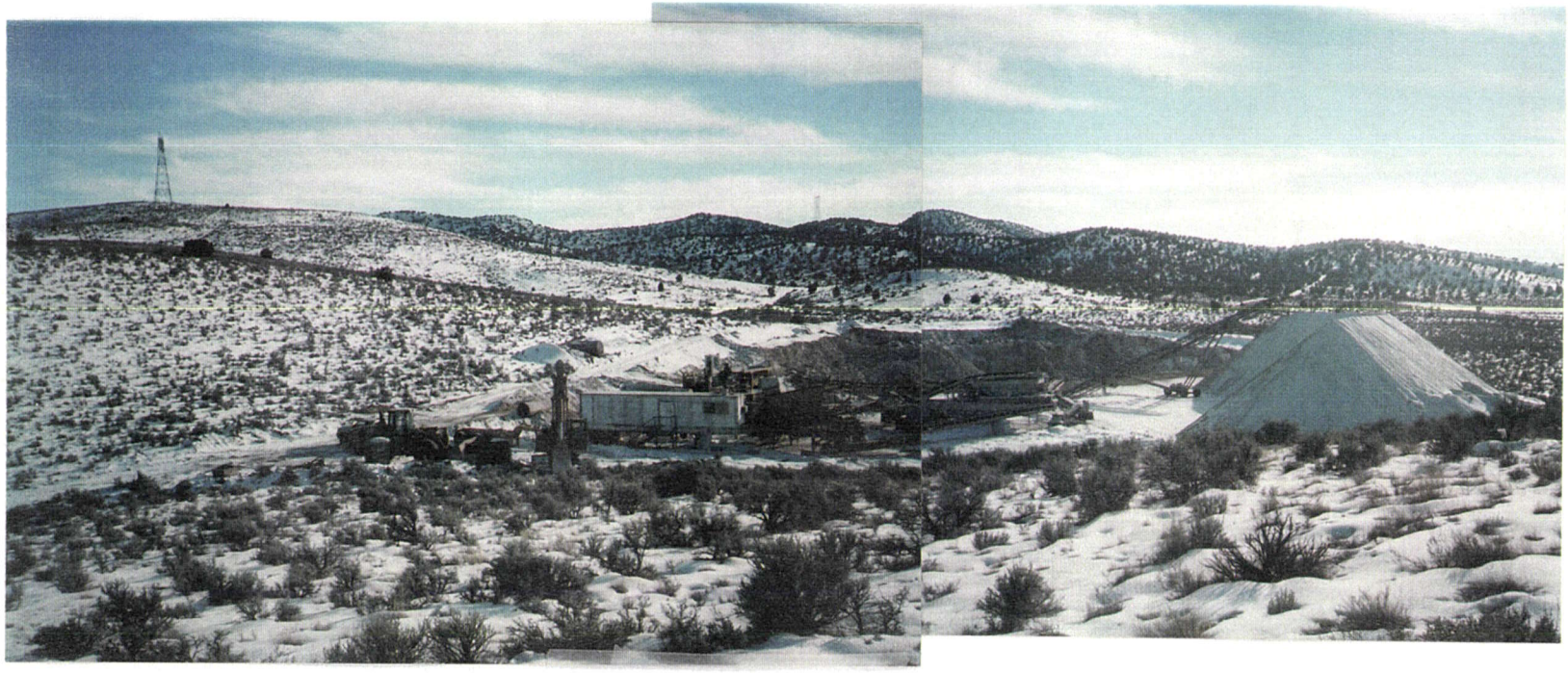
For further assistance, please see your County Agent -- Jeff Banks - 623-1791

Looking south where mine will Advance

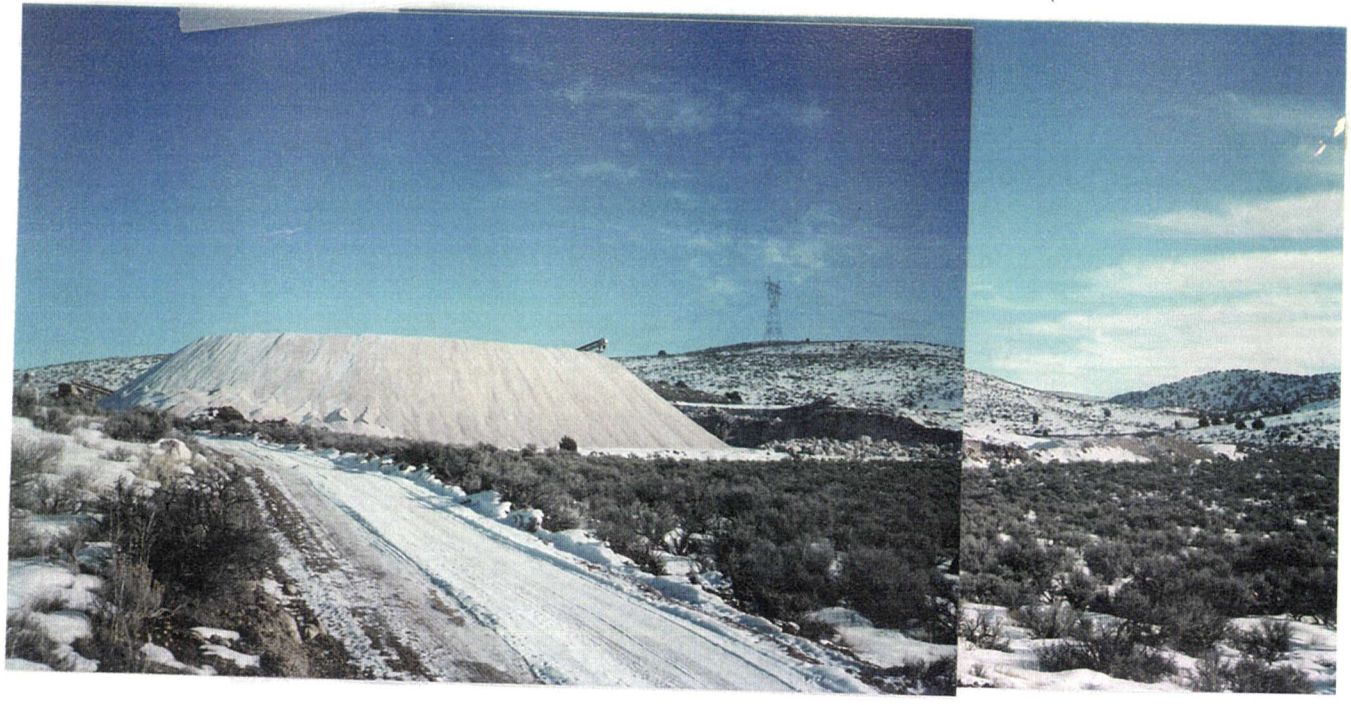


Attachment
#3

Page 1



Looking west at pit and Stock pile



Looking East at Pit

Access map USGS ATTachments # 6